
PART I - ADMINISTRATIVE

Section 1. General administrative information

Title of project

Fifteenmile Creek Wild Steelhead Smolt Production

BPA project number: 9304001

Contract renewal date (mm/yyyy): 10/1999 ☐ **Multiple actions?**

Business name of agency, institution or organization requesting funding
Oregon Department of Fish and Wildlife

Business acronym (if appropriate) ODFW

Proposal contact person or principal investigator:

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NPPC Program Measure Number(s) which this project addresses
2.2A, 3.1B, 3.2, 3.3D.1, 4.1A, 7.1C.3

FWS/NMFS Biological Opinion Number(s) which this project addresses

Other planning document references

Columbia River Intertribal Fish Commission. 1996. Wy-Kan-Ush-Mi Wa-Kish-Wit. Spirit of the salmon. The Columbia River anadromous fish restoration plan of the Nez Perce, Umatilla, Warm Springs, and Yakama tribes. Portland, Oregon, Volume II::34-35

Short description

Estimate subbasin smolt production for the wild population of winter steelhead in Fifteenmile Creek and collect information on selected life history and biological characteristics of downstream migrant fishes endemic to Fifteenmile Creek..

Target species

Winter steelhead

Section 2. Sorting and evaluation

Subbasin

Fifteenmile Creek

Evaluation Process Sort

CBFWA caucus	Special evaluation process	ISRP project type
Mark one or more caucus	If your project fits either of these processes, mark one or both	Mark one or more categories
<input checked="" type="checkbox"/> Anadromous fish <input checked="" type="checkbox"/> Resident fish <input type="checkbox"/> Wildlife	<input checked="" type="checkbox"/> Multi-year (milestone-based evaluation) <input type="checkbox"/> Watershed project evaluation	<input type="checkbox"/> Watershed councils/model watersheds <input type="checkbox"/> Information dissemination <input type="checkbox"/> Operation & maintenance <input type="checkbox"/> New construction <input checked="" type="checkbox"/> Research & monitoring <input type="checkbox"/> Implementation & management <input type="checkbox"/> Wildlife habitat acquisitions

Section 3. Relationships to other Bonneville projects

Umbrella / sub-proposal relationships. List umbrella project first.

Project #	Project title/description
20513	Hood River/Fifteenmile Creek (umbrella proposal)
8805303	Hood River Production Program - CTWS M&E
8805304	Hood River Production Program - ODFW M&E
8902900	Hood River Production Program - Round Butte Hatchery/Pelton ladder
9145	Evaluate the Status of Columbia River Sea-Run Cutthroat Trout
9301900	Hood River Production Program - CTWS & ODFW
9304000	Fifteenmile Creek Habitat Restoration Project
9500700	Hood River Production Program - PGE: O&M
9705909	Securing Wildlife Mitigation Sites - Oregon, Mitchell Point
9802100	Hood River Fish Habitat Project

Other dependent or critically-related projects

Project #	Project title/description	Nature of relationship
8805304	Hood River Production Program - ODFW M&E	Project personal will provide the supervision and oversight on this project.
9304000	Fifteenmile Creek Habitat Restoration Project	Project personal will assist with the operation and maintenance of

		equipment.

Section 4. Objectives, tasks and schedules

Past accomplishments

Year	Accomplishment	Met biological objectives?
1988	Estimated subbasin wild winter steelhead and spring chinook salmon smolt production. Project was funded by the U.S. Fish and Wildlife Service.	Yes - Estimate will be used to determine the current status of the population.

Objectives and tasks

Obj 1,2,3	Objective	Task a,b,c	Task
1	Determine abundance and life history patterns of anadromous and resident fishes in the Fifteenmile Creek subbasin.	a	Estimate numbers of downstream migrant wild winter steelhead smolts migrating past a downstream migrant trap located at RM 1 in the mainstem of Fifteenmile Creek.
		b	Count numbers of resident trout and Pacific lamprey collected at a downstream migrant trap located at RM 1 in the mainstem of Fifteenmile Creek.
		c	Estimate temporal distribution of downstream migrant winter steelhead smolts in Fifteenmile Creek.
		d	Estimate age structure of downstream migrant winter steelhead smolts in Fifteenmile Creek.
		e	Estimate selected biological and life history characteristics of downstream migrant wild winter steelhead smolts and resident trout: including mean fork length (mm), mean weight (gm) and condition factor.
		f	Compile and analyze steelhead and

			resident trout data collected during the field season and provide a summary of the data in an annual progress report.

Objective schedules and costs

Obj #	Start date mm/yyyy	End date mm/yyyy	Measureable biological objective(s)	Milestone	FY2000 Cost %
1	10/1999		This objective will provide estimates of subbasin winter steelhead smolt production and biological characteristics of downstream migrant salmonids. Data will also be used to determine the current status of anadromous salmonid populations in the subbasin.		100.00%
				Total	100.00%

Schedule constraints

Accurately estimating winter steelhead smolt production in FY 2000 will be dependent on environmental conditions. The Fifteenmile Creek subbasin is subject to extreme flow fluctuations which can effect sampling.

Completion date

Ongoing

Section 5. Budget

FY99 project budget (BPA obligated): \$22,996

FY2000 budget by line item

Item	Note	% of total	FY2000
Personnel		%43	11,826
Fringe benefits		%17	4,730
Supplies, materials, non-expendable property		%9	2,505
Operations & maintenance			
Capital acquisitions or improvements (e.g. land, buildings, major equip.)			
NEPA costs			
Construction-related support			
PIT tags	# of tags:		
Travel		%3	998
Indirect costs	@ 35.5%	%26	7,121
Subcontractor			
Other			
TOTAL BPA FY2000 BUDGET REQUEST			\$27,180

Cost sharing

Organization	Item or service provided	% total project cost (incl. BPA)	Amount (\$)
Total project cost (including BPA portion)			\$27,180

Outyear costs

	FY2001	FY02	FY03	FY04
Total budget	\$28,500	\$30,000	\$31,500	\$33,000

Section 6. References

Watershed?	Reference
<input type="checkbox"/>	Columbia River Intertribal Fish Commission. 1996. Wy-Kan-Ush-Mi Wa-Kish-Wit. Spirit of the salmon. The Columbia River anadromous fish restoration plan of the Nez Perce Umatilla, Warm Springs, and Yakama tribes.

	Portland, Oregon, Volume II::34-35
<input type="checkbox"/>	ODFW and CTWSRO. 1990. Fifteenmile creek subbasin salmon and steelhead production plan. Final Report of Oregon Department of Fish and Wildlife and Confederated Tribes of the Warm Springs Reservation of Oregon to BPA, Portland, Oregon.
<input type="checkbox"/>	Olsen, E.A., R.A. French, and A.D.Ritchey. 1996. Hood River and pelton ladder evaluation studies. Annual Progress Report of ODFW to Bonneville Power Administration, Portland, Oregon.
<input type="checkbox"/>	Ricker, W.E. 1975. Computation and interpretation of biological statistics of fish populations. Bulletin of the Fisheries Research Board of Canada 191, Ottawa, Ontario.

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